		KEI Project #: 2829e			
Sample I.D.: $\mathcal{I}\omega - l$		Well Location:			
Monitoring Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)	(PVC)SS/Teflo (1224 6)	Sample Types (circle Monitoring Well) Grab/Composite ft ft Duplicate (Duplicate ID: ft Other			
Conventional sampl	ling ←OR⇒	Micropurge sam	oling		
Height of water column  (H = TD - DTW)  Conversion value (CV)*  1 Well volume = H x CV = 3 Well volumes = = Purge method  (B = bailer, P = pump)	fit  gal  gal  B/P	Depth of pump placement (place mid-screen) Bubbles purged from flow cell? Is drawdown > 0.3 feet Was passive sampling used? Flowrate = ID number from controller console 0.16, 4" dia = 0.65, 6" dia = 1.47	//,7 ft /// M /// M /// M // M // M // M // M		
Performed       Rate         Temperature (°C)       +/-         Spec. Cond (μmhos)       +/-         D.O. (mg/L)       +/-         pH       +/-         ORP (mV)       +/-         Turbidity (NTU)       +/-         H <sub>2</sub> S (mg/L)       Fe <sup>2+</sup> (mg/L)	0.1 6.36 6.9 mV** -74 -8.0 0%**	(in) (9 min) (12 min) (15 min) (44 13.53 13.78 13.71 1	Result (21 min) (13.66 13.61 2.62 2.63 2.20 1.89 6.77 6.78 -1/0 -1/0		
Check stability after three rea **Only one of these paramete  **Only one of these paramete  Observations:  Volume of water purged from  Sample Date:01_/_09  Was metals sample filtered proceed to the color of water before filtration  Reaction upon addition of present proceeding the condition:  Yell condition:	rs must reach stability.  n well: gallons  /_08 stability.  gallons After fireservation?  After fireservatives? YES	s Sample Time: <u>///</u> : <u>2//</u> (military ti YES NO method: 0.45 μm cartr Itration: NO explain:	idge / other:		
Signature:	Mus	U6 Date:1/09/08			

	1777 D. 1 // 0000			
Facility Name: genuine parts	KEI Project #: 2829e			
Sample I.D.: Tw-2	Well Location:			
Total depth of well (TD) 16.7  Depth to product	Sample Types (circle all applicable)  Monitoring Well  Grab/Composite  ft Split Sample  Duplicate (Duplicate ID:			
Conventional sampling ←OR⇒	Micropurge sampling			
Height of water column	Depth of pump placement			
(H = TD - DTW) ft	(place mid-screen) /3.7 ft			
Conversion value (OV)* x	Bubbles purged from flow cell?			
1 Well volume H x CV = gal	Is drawdown >0.3 feet			
3 Well volumes = gal	Was passive sampling used? Y/B			
Purge method	Flowrate = mL/min			
	ID number from controller console # /65			
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0	.16, 4" dia = $0.65$ , 6" dia = $1.47$			
Field Test(s) Stability Result Resu	It Dowlt Dowlt Dowlt D. 1			
Field Test(s)   Stability   Result   Result				
Temperature (°C) +/- 3% /4/70 /4.7				
Spec. Cond (µmhos) +/-3% 1853 185				
D.O. (mg/L) +/- 10%** // 07 // 0				
pH +/- 0.1 7.18 7.1				
ORP (mV) +/- 10 mV** -87 -89				
Turbidity (NTU) +/- 10%**				
H <sub>2</sub> S (mg/L)				
Fe <sup>2+</sup> (mg/L)				
Check stability after three readings and every reading **Only one of these parameters must reach stability.	thereafter until achieved.			
Observations:				
Volume of water purged from well: gallons				
Sample Date: 01 / 09 / 08 S	Sample Time: 9:90 (military time)			
Was metals sample filtered prior to preservation?	/ES NO method: 0.45 um cartridge / other:			
Color of water before filtration: After fil				
Reaction upon addition of preservatives? YES N				
Appearance of Water: (Clear/Slightly Turbid/Turbid/				
Yell condition:				
the second second				
	Į.			
Signature:	Date: 1/09/08			

						•
Facility Name: genuine parts	KEI Project #: 2829e					
Sample I.D.: Mw-163	Well Loca				,	
	· · · · · · · · · · · · · · · · · · ·	<u> </u>				
Monitoring Well Data	·		Sample	Types (circl	e all appl	icable)
	C)SS/Teflo	n)   10/4	onitoring W		•	,
Inside Diameter, in.	(1246)		ab/eompos			
Stick up or stick down height	<u> </u>	<del></del> 1	lit Sample			
Total depth of well (TD)	19,55		· ·	plicate ID: _		)
Depth to product		1	S/MSD	f		
	11,21		her			
	11,6/	10 -				
Conventional sampling	] ⇔OR⇒		Micr	opurge sam	nling	
Height of water column		Depth of pu			<u> </u>	
(H = TD - DTW) ft			id-screen)		16.	.55 ft
Conversion value (CV)* x	1	_	rged from f	low cell?		<b>%</b> /N
1 Well volume = Hx CV = gal	1	Is drawdow	_			M)/ N
3 Well volumes = gal	1		e sampling	used?		Y/Ø
Purge method	1	Flowrate =				mL/min
(B = bailer, P = pump) B / P		ID number	from contro	ller console	# 11	5
*Conversion values (gal/ft): 1" dia = 0.0	ا 4. 2" dia = 0					<i></i>
)	.,		<b>,</b>			
Field Test(s) Stability Re	sult Resu	ılt Result	Result	Result	Result	Result
•	min) (6 mi				(18 min)	(21 min)
Temperature (°C) +/- 3% 13.	90 13,90		14.01	13.95	13,90	
Spec. Cond (μmhos) +/- 3% 19	9.31		, 928	,924	,920	
D.O. (mg/L) +/- 10%** 3.	1D 3.79	1 <u>1929</u> 9 3, <b>9</b> 5	2.36	2.33	2,28	
pH +/- 0.1 7/	45 7.49	7.45	7.40	7.39	7.41	
ORP (mV) +/- 10 mV** $-7$	12 -74	<u>-75</u>	-76	<u>-76</u>	- 76	
Turbidity (NTU) +/- 10%**		·				
$H_2S (mg/L)$	<u>-</u>			<del></del>		
$Fe^{2+}$ (mg/L)		,	· • • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·		
Check stability after three readings and e		thereafter u	ntil achieve	d.		
**Only one of these parameters must rea	ch stability.					
Observations						
Observations:		_				
Volume of water purged from well:	ganons	S Somenio Timo	1/2.3	ه رسمهٔ اندس	···· - )	
Sample Date:01/_09/_08 Was metals sample filtered prior to prese		Sample Time	e; 10 ; 0.	(miniary )	.ime) 	
Color of water before filtration:	rvauon:	IES NU	method:	υ.45 μm card	riage / oth	er:
Reaction upon addition of preservatives?	VEC 1	MO ovnlo				
Appearance of Water: (Clear/Slightly Tu						
Vell condition:	ii bia/ i ui bia	u v ci y i ui bi	u)		•	
on condition.					;	
•				*.		
	\			10	)	•
Signature:			Date:	1/💖/0	8	

	·				
Facility Name: genuine parts		KEI Project #: 2829e			
Sample I.D.: Mw-173		Well Location:			
Monitoring Well D	ata	Sample Types (circle all	applicable)		
Well Material	(PVC)SS/Teflo	on) Monitoring Well			
Inside Diameter, in.	(1246)	Grab/Composite			
Stick up or stick down height		ft Split Sample			
Total depth of well (TD)	17.6	ft Duplicate (Duplicate ID:	)		
Depth to product		ft MS/MSD	,		
Depth to water (DTW)	13.35	ft Other			
Conventional sampling	(=OR⇒	Micropurge sampling			
Height of water column		Depth of pump placement	· · · · · · · · · · · · · · · · · · ·		
(H = TD - DTW)	ft	(place mid-screen)	14,6 ft		
Conversion value (CV)* x		Bubbles purged from flow cell?	(Y)/N		
1 Well volume = II x CV =	gal	Is drawdown >0.3 feet	Ϋ́N		
3 Well volumes = =	gal	Was passive sampling used?	Y/Ø		
Purge method		Flowrate =	mL/min		
(B = bailer, P = pump) B / I		ID number from controller console #	165		
*Conversion values (gal/ft): 1" dia	= 0.04, 2" dia = (				
	,				
Field Test(s) Stability	Result Resu	ult Result Result Result Resu	ılt Result		
Performed Range	(3  min) $(6  min)$				
Temperature (°C) +/- 3%	14.33 14.4				
Spec. Cond (µmhos) +/- 3%	1802 179				
D.O. (mg/L) +/- 10%**	1.09 1.06				
pH +/- 0.1	7.98 7.9				
ORP (mV) +/- $10 \text{ mV}^{**}$	-43 -42	2 -41 -41			
Turbidity (NTU) +/- 10%**					
$H_2S$ (mg/L)					
$Fe^{2+}$ (mg/L)					
Check stability after three readings a		thereafter until achieved.			
**Only one of these parameters mus	t reach stability.				
Observations:					
Volume of water purged from well:	gallons	3			
Sample Date:01/_09/_08_		Sample Time: 11:00 (military time)			
Was metals sample filtered prior to p	preservation?	YES NO method: 0.45 µm cartridge	/ other:		
Color of water before filtration:	After fi	ltration:			
Reaction upon addition of preservati	ves? YES ]	NO explain:	<del></del>		
Appearance of Water: (Clear/Slight	ly Turbid/Turbid	/Very Turbid)			
Yell condition:					
\ \ \ \		15	·		
`\\\	/ /	LO.			
Signature:		Date: 1/19/08	<del> </del>		

Facility Name: genuine parts	KEI Project #: 2829e			
Sample I.D.: MW-156	Well Location:			
	<u> </u>			
Monitoring Well Data	Sample Types (circle all applicable)			
Well Material (PVC)SS/Teflo				
Inside Diameter, in. (1246)	Grah/Composite			
Stick up or stick down height	ft Split Sample			
Total depth of well (TD) 19.4	ft Duplicate (Duplicate ID:)			
Depth to product	ft MS/MSD			
Depth to water (DTW) 12,00	ft Other			
12,00	It and the second secon			
(Convertional compliant)	D#:			
Conventional sampling ←OR⇒	Micropurge sampling			
Height of water column	Depth of pump placement (place mid-screen)			
$(H = TD - DTW) \qquad \qquad \text{ft}$				
Conversion value (CV)*	Bubbles purged from flow cell?   (V) N			
1 Well volume = H	Is drawdown >0.3 feet (Y/N)			
3 Well volumes = gal	Was passive sampling used? Y/M			
Purge method	Flowrate = mL/min			
B = pailer, P = pump)  B / P	ID number from controller console # 105			
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0	$0.16, 4^{\circ} \text{ dia} = 0.65, 6^{\circ} \text{ dia} = 1.47$			
Field Test(s) Stability Result Result				
Performed Range (3 min) (6 min)				
Temperature (°C) +/- 3% 13.25 13.2				
Spec. Cond (μmhos) +/- 3% .532 .52				
D.O. (mg/L) +/- 10%** 6.13 6.3				
pH +/- 0.1 7.92 7.9	. 1			
ORP (mV) +/- 10 mV** 13 14  Turbidity (NTU) +/- 10%**	_ <u>                                     </u>			
H <sub>2</sub> S (mg/L)				
Fe <sup>2+</sup> (mg/L)				
Check stability after three readings and every reading	y thousefter until achieved			
**Only one of these parameters must reach stability.				
Only one of these parameters must reach stability.	•			
Observations:				
Volume of water purged from well: gallons	o.			
Sample Date:01/_09/_08	Sample Time: 1/ · 20 (military time)			
Was metals sample filtered prior to preservation?	VEC NO method 0.45 um contrides / others			
Color of water before filtration:  After fi				
Reaction upon addition of preservatives? YES				
Appearance of Water: (Clear/Slightly Turbid/Turbid				
Vell condition:	woly luroid)			
·				
, \ \				
	(O			
Signature:	Date: 1/0∕9/08			
11	Date. 1143100			

Facility Name: genuine parts	KEI Project #: 2829e			
Sample I.D.: Mw-151	Well Location:			
Monitoring Well Data	Sample Types (circle all applicable)			
Well Material (PVC)SS/Teflor				
Inside Diameter, in. (1246)	Grab/Composite			
· · · · · · · · · · · · · · · · · · ·	ft Split Sample			
	ft Duplicate (Duplicate ID:			
	ft MS/MSD			
* * <u></u>	ft Other			
75.6	II Guidi			
Conventional sampling ←OR⇒	Micropurge sampling			
Height of water column	Depth of pump placement			
(H = TD – DTW) ft	(place mid-screen) /5,5 ft			
	Bubbles purged from flow cell?			
1 Well volume = Hx CV = gal	Is drawdown >0.3 feet			
3 Well volumes = gal	Was passive sampling used? Y/Ø			
Purge method	Flowrate = mL/min			
	ID number from controller console # /65			
*Conversion values (gal/ft): 1" dia = $0.04$ , 2" dia = $0$				
conversion values (gal/it). 1 dia = 0.04, 2 dia = 0	.10, 4 dia = 0.03, 0 dia = 1.47			
Field Test(s) Stability Result Resu	lt Result Result Result Result			
Performed Range (3 min) (6 min	—			
Temperature (°C) +/-3% $\frac{\sqrt{3} \ln n}{\sqrt{3} \sqrt{13}}$				
Spec. Cond (μmhos) +/- 3% (\$56 (\$55)				
D.O. (mg/L) +/- 10%** 5.07 4.66				
pH +/- 0.1 7.71				
ORP (mV) +/- 10 mV** 51 52				
Turbidity (NTU) +/- 10%**				
$H_2S \text{ (mg/L)}$				
$Fe^{2+}$ (mg/L)				
Check stability after three readings and every reading	thereafter until achieved			
**Only one of these parameters must reach stability.				
, <u> </u>				
Observations:				
Volume of water purged from well: gallons				
Sample Date:01/_09/_08S	Sample Time: // : 46 (military time)			
Was metals sample filtered prior to preservation?	YES NO method: 0.45 μm cartridge / other:			
Color of water before filtration: After fi	Itration:			
Reaction upon addition of preservatives? YES				
Appearance of Water: (Clear/Slightly Turbid/Turbid				
Yell condition:				
/				
	10			
Signature:	Date: 1/00/08			

Pacifity Name: GP	KEI Project #: 2829e-001/003
Sample I.D.: Mw-169-350	Well Location:
	4
Monitoring Well Data	Sample Types (circle all applicable)
Well Material (PVC)SS/Teflo	
Inside Diameter, in. (1246)	Grah/Composite
Stick up or stick down height	ft Split Sample
Total depth of well (TD) 24.4	ft Duplicate (Duplicate ID:)
Depth to product	ft MS/MSD
Depth to water (DTW) 18.93	ft Other
Conventional sampling ←OR⇒	Micropurge sampling
Height of water column	Depth of pump placement
$(H = TD - DTW) \qquad \qquad ft$	(place mid-screen) 21.4 ft
Conversion value (CV)* x	Bubbles purged from flow cell?
1 Well volume H x CV = gal	Is drawdown >0.3 feet Y/N
3 Well volumes = = gal	Was passive sampling used? Y/N
Purge method	Flowrate = \(\bigce\), mL/min
(B = bailer, P = pump) B/P	ID number from controller console #
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0	0.16, 4" dia = 0.65, 6" dia = 1.47
The state of the s	
Field Test(s) Stability Result Resu	
Range (3 min) (6 min)	
Temperature (°C) +/- 3% //.28 //.60	
Spec. Cond (µmhos) +/- 3% 1043 04	
D.O. (mg/L) +/- 10%** 10.5/ 10.4 pH +/- 0.1 8.48 8.48	
1 *	
ORP (mV) +/- 10 mV** <u>6 4.7</u> <u>6.2.</u> Turbidity (NTU) +/- 10%**	
H <sub>2</sub> S (mg/L)	
Fe <sup>2+</sup> (mg/L)	
Check stability after three readings and every reading	thereofter until achieved
**Only one of these parameters must reach stability.	thereafter until achieved.
omy extension parameters must reach stability.	
Observations:	• .
Values of water mand from will.	20
Sample Date: 3/19/08 Sample	Time: 9:26 (military time)
was metals sample filtered prior to preservation?	YES NO method: 0.45 um cartridge / other:
Color of water before filtration:  After fi	Itration:
Reaction upon addition of preservatives? YES	NO explain:
Appearance of Water: (Clear/Slightly Turbid/Turbid	/Very Turbid)
Well condition:	

Signature;\_\_\_

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Facility Name: GP		KEI Project #: 2829e-001/003	
Sample I.D.: Mw - 1696 \$5		Well Location:	
Monitoring Well Data		Sample Types (circle all ar	plicable)
Well Material (P	VC)SS/Teflo		
Inside Diameter, in.	(1246)	Grah/Composite	
Stick up or stick down height		ft Split Sample	
Total depth of well (TD)	36.75	ft Duplicate (Duplicate ID:	
Depth to product		ft MS/MSD	•
Depth to water (DTW)	19	ft Other	
(Conventional sampling)	(=OR⇒	Micropurge sampling	
Height of water column		Depth of pump placement	
(H = TD - DTW)	ft	(place mid-screen)	ft
Conversion value (CV)* x		Bubbles purged from flow cell?	Y/N
1 Well volume = H x CV = ga	al	Is drawdown >0.3 feet	Y/N
3 Well volumes = gg	ıl	Was passive sampling used?	Y/N
Purge method	.	Flowrate =	mL/min
(B = bailer, P = pump) B / P		ID number from controller console #	
*Conversion values (gal/ft): 1" dia = 0.	.04, 2" dia = 0	0.16, 4" dia = 0.65, 6" dia = 1.47	
. · · · · · · · · · · · · · · · · · · ·	Result Resu		
,	<u>3 min) (6 mi</u> ?.2/ 12'.20		) (21 min)
_ ` ` /			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>726                                    </u>		-
	.87 6.87		
*	0.6 -2.7		
Turbidity (NTU) +/- 10%**	277		
$H_2S (mg/L)$			-
Fe <sup>2+</sup> (mg/L)			
Check stability after three readings and	every reading	thereafter until achieved	
**Only one of these parameters must re	• •	,	
	•		
Observations:	•		
Volume of water purged from well:	gallons		
Sample Date: 3 /14 / 08	Sample	Time: <u>7</u> : <u>59</u> (military time)	
Was metals sample filtered prior to pres	servation?	YES NO method: 0.45 μm cartridge / c	other:
Color of water before filtration:  Reaction upon addition of preservatives  Appearance of Water: (Clear/Slightly 7)	After fi	ltration:	
Reaction upon addition of preservatives	? YES 1	NO explain:	
Appearance of water. (Clear/Stightly I	Turbid/Turbid	/Very Turbid)	,
Well condition:			

Signature:\_

					•			
Facility Name: GP			KEI F	roject	#: 2829e-0	01/003		
Sample I.D.: 167 3			Well	Locati	on:		· · · · · · ·	
				·			· · · · · · · · · · · · · · · · · · ·	
Monitoring W	Vell Data				Sample	Types (cire	cle all app	licable)
Well Material	(PV)	SSS/Teflo	on)	ØÆ€	<del>ni</del> toring W	ell	•	
Inside Diameter, in.		(1246)		Gra	h/Composi	te		
Stick up or stick down height			ft	Spl	it Sample			
Total depth of well (TD)		21,7	ft	Du	plicate (Du	plicate ID:		)
Depth to product		· · · · · · · · · · · · · · · · · · ·	ft		S/MSD			
Depth to water (DTW)	. 1	7.73	ft	Oth	ner		•	
		117.5						
Conventional sampli	ng)	(=OR⇒	[ ·	<del></del>	Micro	opurge san	npling	
Height of water column	115	~-OIC>	Denth	of nu	mp placeme	_*		,
(H = TD – DTW)	ft l			_	d-screen)	JII C	. /	8.7
	ıı.				ged from fl	ow cell?		Y/N
· · · · · · · · · · · · · · · · · · ·			1	-	n >0.3 feet	OW CCII;		Y/N
	. 8		1		sampling	used?		Y/N
J W CII VORUITOS	gal	·	Flowr		samping			mL/m
Purge method	B/P				from contro	ller consol	e #	
(B = bailer, P = pump)  *Conversion values (gal/ft): 1		]   2" dia =	W. D. W. C. C.					
Conversion values (gai/it).	uia – 0.0-	r, Z ula —	0.10, 4	uia –	0.05, 0 ui	a 1.77		
Field Test(s) Stab	ility <u>Re</u>	sult Res	ult R	esult	Result	Result	Result	Result
,	•	nin) (6 m		min)	(12 min)	(15 min)	(18 min)	
Performed Rar Temperature (°C) +/-:				111111)	12.42	(13 11111)	Trommy	123.00.20
Spec. Cond (µmhos) +/-:				248	1,249			
D.O. (mg/L) +/- 10		70 7.5		16	7.14			
pH +/-				-5	6.85	<del></del>	<del></del>	·
ORP (mV) +/- 10	علام الم	2 73.		5.0	74.9			
Turbidity (NTU) +/- 10		1 1 177	<u> </u>				·***	· · · · · · · · · · · · · · · · · · ·
$H_2S \text{ (mg/L)}$					•			
Fe <sup>2+</sup> (mg/L)							<del></del>	
Check stability after three rea	dings and ex	zerv readin	g therea	fter u	ntil achieve	d.		
**Only one of these parameter								
only <u>one</u> of those purcuites								
Observations:								
Volume of water purged from	well:	gallo	ns	_				
Sample Date: 3 //9 / 0	8	Sampl	e Time:	9:	が(mili	tary time)		•
Was metals sample filtered pr	ior to prese	rvation?	YES	NO	method:	0.45 µm ca	rtridge / ot	her:
Color of water before filtration	n:	After	filtratio	n:		• •	J	
Reaction upon addition of pre	eservatives?	YES	NO ·	expla	in:			·
Appearance of Water: (Clear								
Well condition:						•		•
I V WAR W V TO WEAT FA W AAR								
		•						
	)	/ /	?			1 /		
S	100				Datas	2/11/15	_	

Facility Name: GP	· .	KEI Project	#: 2829e-(	01/003 : -		
Sample I.D.: V62 0		Well Location	on:			
*						
Monitoring Well Daw Well Material	ata (PVC)SS/Teflo	n) <del>(Ao</del>	Sample nitoring W	Types (cir	cle all app	olicable)
Inside Diameter, in.	(1246)		b/eompos			
Stick up or stick down height			it Sample			
Total depth of well (TD)	33			plicate ID:		)
Depth to product			MSD	,		
Depth to water (DTW)	17.85	ft Oth	er			
	1 7 × 54405					
Conventional sampling	←OR⇒		Micro	opurge sar	npling	
Height of water column		Depth of pur	np placem	ent		
(H = TD - DTW)	ft	(place mid	l-screen)			SO ft
Conversion value (CV) x		Bubbles purg	ged from fl	ow cell?		Y/N
1 Well volume = H x CV =	gal	Is drawdown	1 > 0.3 feet			Y/N
3 Well volumes = =	gal	Was passive	sampling t	used?		Y/N
Purge method		Flowrate =			<u> </u>	mL/min
(B = bailer, P = pump) B / I	<del></del>	ID number f			e #	
*Conversion values (gal/ft): 1" dia	= 0.04, 2" dia $= 0.04$	0.16, 4" dia =	0.65, 6" di	a = 1.47		
						<del></del>
Field Test(s) Stability	Result Resu		Result	Result	Result	
Performed Range	(3 min) (6 m		(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C) +/- 3%	74.65 14.7					
Spec. Cond (μmhos) +/- 3%	·273 .27				•	<del></del>
D.O. (mg/L) +/- 10%** pH +/- 0.1	8.12 8.13 8.53 85	2 8.00	•			
pH +/- 0.1 ORP (mV) +/- 10 mV**	8.53 8.5 32.2 32					
Turbidity (NTU) +/- 10%**	74.2 72	1 7617				
$H_2S \text{ (mg/L)}$						
Fe <sup>2+</sup> (mg/L)				<del></del>	<del></del>	
Check stability after three readings a	ind every reading	thereafter un	til achieve	d.		
**Only one of these parameters mus	•	-				· · ·
	·					
Observations:						
Volume of water purged from well:	gallon	S	• 4			
Sample Date: 19/19/08	Sample	Time: 10:	<b>20</b> (mili	tary time)		
Was metals sample filtered prior to p	oreservation?	YES NO	method: (	).45 µm cai		her:
Color of water before filtration:						
Reaction upon addition of preservati					<u></u>	
Appearance of Water: (Clear/Slight	ly Turbid/Turbid	I/Very Turbid	)			
Well condition:						
•						

Signature:

	o Transaction				
Facility Name: GP		KEI Project #: 2829e-001/	003		
Sample I.D.: 1155	. *	Well Location:			
Monitoring Well D Well Material Inside Diameter, in. Stick up or stick down height	(PVC)SS/Teflor (1246)		oes (circle all applicable)		
Total depth of well (TD)  Depth to product  Depth to water (DTW)	- 19.65	ft Duplicate (Duplicate the MS/MSD Other	ate ID:)		
Conventional sampling	←OR⇒	Micronu	rge sampling		
Height of water column  (H = TD – DTW)  Conversion value (CV)* x  1 Well volume = H x CV =  3 Well volumes = =  Purge method	ft	Depth of pump placement (place mid-screen) Bubbles purged from flow Is drawdown >0.3 feet Was passive sampling used	ft <b>c</b> ell? <b>Y/N</b> Y/N Y/N Y/N Y/N		
(B = bailer, P = pump) B / I		Flowrate = ID number from controller	console #		
*Conversion values (gal/ft): 1" dia **  Field Test(s) Stability  Performed Range  Temperature (°C) +/- 3%  Spec. Cond (µmhos) +/- 3%  D.O. (mg/L) +/- 10%**  pH +/- 0.1  ORP (mV) +/- 10 mV**  Turbidity (NTU) +/- 10%**  H <sub>2</sub> S (mg/L)  Fe <sup>2+</sup> (mg/L)	· 1	16, 4" dia = 0.65, 6" dia = $\frac{Result}{n}$ $\frac{Result}{$			
Check stability after three readings a **Only one of these parameters must Observations:  Volume of water purged from well: Sample Date:	gallons Sample 7 preservation? Y After file (ves? YES N	Fime: 10: 40 (military TES NO method: 0.45 tration:	μm cartridge / other:		
Well condition:	-j - z a. o.a. i a. o.a.	Tory Turbia,			

Signature:

Facility Name: GP	KEI Project #: 2829e-001/003
Sample I.D.: 165 D	Well Location:
Monitoring Well Data Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Monitoring Well Data (PVC)SS/Tell (PV	
(Conventional sampling) ←OR:	⇒ Micropurge sampling
Height of water column	Depth of pump placement (place mid-screen) 44.7 f
$(H = TD - DTW) \qquad \qquad ft$	1 4
Conversion value (CV)* x	Bubbles purged from flow cell?  Y/N  Y/N
1 Well volume = HX CV = gal	Is drawdown >0.3 feet Y/N
3 Well volumes = gal	Was passive sampling used? Y/N Flowrate = mL/min
Purge method	
(B = bailer, P = pump) B/P	
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia  Field Test(s) Stability Result Res	Result Result Result Result Result Result
	5 min) (9 min) (12 min) (15 min) (18 min) (21 min)
	2/12 10.15
l • ` '	495 ,496
	60 60
· · · · · · · · · · · · · · · · · · ·	7.12 7.12
ORP (mV) +/- 10 mV** -945 -	94.7 -94.8
Turbidity (NTU) +/- 10%**	
$H_2S$ (mg/L)	
Fe <sup>2+</sup> (mg/L)	
Check stability after three readings and every read	ling thereafter until achieved.
**Only one of these parameters must reach stabil	ity.
Observations:  Volume of water purged from well:gal Sample Date:/19 / 68Sam Was metals sample filtered prior to preservation? Color of water before filtration:Afte Reaction upon addition of preservatives? YES Appearance of Water: (Clear/Slightly Turbid/Tur	ple Time: /0 : 55 (military time)  YES NO method: 0.45 µm cartridge / other: er filtration:  NO explain:
Well condition:	

Signature:\_

E. III. N. OD	•		1 757	n t n				·	
					t#: 2829e-(	001/003			
Sample I.D.: W				Well Location:					
B.F. :	· · · · · · · · · · · · · · · · · · ·		<del></del> 1						
Monitoring Well Data Well Material (PVC)SS/Teflon)					Sample Types (circle all applicable)  Monitoring Well				
Inside Diameter, in.		(102) 6	5)		Grab/Composite				
Stick up or stick down	n height	ft			it Sample				
Total depth of well (T	D) -	19.3	ft	Du	plicate (Du	plicate ID:		)	
Depth to product	_		ft	MS	S/MSD			•	
Depth to water (DTW	) <sup>.</sup>	14,28	ft	Oth	ner				
Conventiona	l sampling)	←OR	⇒		Micr	opurge sar	npling		
Height of water colun	m /		De	pth of pu	mp placem		<u> </u>		
(H = TD - DTW)		ft		place mi			16	. <b>3</b> ft	
Conversion value (CX	7 ×		Bu	bbles pur	ged from fl	low cell?		Y/N	
1 Well volume H x	CV =	gal		-	n > 0.3 feet	•		Y/N	
3 Well volumes =	=	gal	Wa	as passive	sampling	used?	<del></del>	Y/N	
Purge method				Flowrate = \frac{\text{rnL/min}}{\text{rnL/min}}					
(B = bailer, P = pu	mp) B/P		ID	number f	rom contro	ller consol	e #	,	
*Conversion values (g		= 0.04, 2" dia	= 0.16	4" dia =	0.65, 6" di	a = 1.47	<del></del>		
	,			,	,				
Field Test(s)	Stability	Result R	Result	Result	Result	Result	Result	Result	
Performed	Range		min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min).	
Temperature (°C)	+/- 3%		303	13,20	13.22		<del></del>		
Spec. Cond (µmhos)	+/- 3%		585	1586	.587		<del></del>		
D.O. (mg/L)	+/- 10%**		160	1,50	1.40	,			
pH .	+/- 0.1		7.03	7.03	7.03				
ORP (mV)	+/- 10 mV**	7.8	8.6	8.7	9.0	· 			
Turbidity (NTU)	+/- 10%**				***************************************				
$H_2S$ (mg/L)					·	·····		<u> </u>	
Fe <sup>2+</sup> (mg/L)					<u> </u>				
Check stability after t				reafter ur	itil achieve	d.			
**Only one of these p	arameters must	t reach stabil	ity.		, 1				
					* 9				
Observations:									
Volume of water purg	ged from well:	gal	lons	• • /	4.0				
Sample Date: 3 /	19/68	Sam	ple Tin	ne: <u>//</u> :	10 (mili	tary time)			
Was metals sample file	ltered prior to p	reservation?	YES	3 NO	method: (	):45 µm ca:	rtridge / otł	ner:	
Color of water before	filtration:	Aft	er filtrat	tion:		•		* *	
Reaction upon addition	on of preservati	ves? YES	NO	explai	n:				
Appearance of Water:	(Clear/Slightl	y Turbid/Tu	rbid/Ve	ry Turbid	)		•		
Well condition:						•			
	$\bigcirc$	_	$\overline{}$				300		
/ /	1 1.	/	/			2.			

Sample I.D.:   Vell Data   Well Material   (PVC)SS/Teflon)   Inside Diameter, in.   (1246)   Speit Sample Types (circle all applicable)   Stick up or stick down height   Total depth of well (TD)   49.7 ft   Duplicate (Duplicate (Duplicate ID:	Facility Name: GP	KEI Project #: 2829e-001/003
Monitoring Well Data   Well Material   Monitoring Well Data   Well Material   Monitoring Well Data   Monitoring Well Data   Well Material   Monitoring Well Data   Monitoring Mell Da		The state of the s
Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling Height of water column (H = TD - DTW) 1 Well volume H x CV = gal 3 Well volume H x CV = gal Purge method (B = bailer, P = pump) B / P  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47  Field Test(s) Stability Performed Range Range (3 min) Formula (12 do) (572) Field Test(s) Spit Sample Duplicate (Duplicate ID: MS/MSD Other  Depth of pump placement (place mid-screen) (plac		
Field Test(s)         Stability         Result	Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump)  B / P	Teflon)    Genitoring Well   Grab Composite
ORP (mV) +/- 10 mV** -98.D -9/.3 -92.D -73.5  Turbidity (NTU) +/- 10%**  H <sub>2</sub> S (mg/L)  Fe <sup>2+</sup> (mg/L)  Check stability after three readings and every reading thereafter until achieved.  **Only one of these parameters must reach stability.  Observations:  Volume of water purged from well: gallons  Sample Date: 3 / 19 / 68 Sample Time:	Field Test(s)  Performed Range (3 min) Temperature (°C) +/- 3%   3.76  Spec. Cond (µmhos) +/- 3%   517  D.O. (mg/L) +/- 10%**   1.67  pH +/- 0.1   2.19  ORP (mV) +/- 10 mV**   -95. D  Turbidity (NTU) +/- 10%**  H <sub>2</sub> S (mg/L) Fe <sup>2+</sup> (mg/L)  Check stability after three readings and every re **Only one of these parameters must reach stab  Observations: Volume of water purged from well: g Sample Date: 3 /19 /68 Sa  Was metals sample filtered prior to preservation Color of water before filtration: A Reaction upon addition of preservatives? YI Appearance of Water: (Clear/Slightly Turbid/T	Result Result Result Result Result Result (6 min) (9 min) (12 min) (15 min) (18 min) (21 min) (1.8 8

Monitoring Well Data  Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling Height of water column (H = TD − DTW) Conversion value (CV)  1 Well volume	Grab/Composite Split Sample Duplicate (Duplicate ID: MS/MSD Other   Micropurge sampling  Depth of pump placement (place mid-screen) Bubbles purged from flow cell? Is drawdown >0.3 feet Was passive sampling used? Flowrate = ID number from controller console 16, 4" dia = 0.65, 6" dia = 1.47	/ V / N / N / N mL/m
Monitoring Well Data  Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling  Height of water column (H = TD − DTW) Conversion value (CV)*  1 Well volume H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump)  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.  Field Test(s) Stability Result Performed Range Temperature (°C) Spec. Cond (μmhos) P-3% N-362 N-362 N-365 N-362 N-365 N-365 N-366	Micropurge sampling  Depth of pump placement (place mid-screen) Bubbles purged from flow cell? Is drawdown >0.3 feet Was passive sampling used? Flowrate =  ID number from controller console  It Result Result Result Result	/ V / N / N / N mL/m
Well Material Inside Diameter, in.  Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* x  1 Well volume H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump)  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.  Field Test(s) Stability Result Result Performed Range Temperature (°C) Spec. Cond (µmhos) D.O (mg/L)  **Conversion (1246)  10.935  ft  CONVENTIONAL  Field Test(s) Stability Result Result Result Temperature (°C) +/- 3% 13.10 13.15  Spec. Cond (µmhos) -/- 3% 1.362 1.365 1.365	Micropurge sampling  Depth of pump placement (place mid-screen) Bubbles purged from flow cell? Is drawdown >0.3 feet Was passive sampling used? Flowrate =  ID number from controller console  It Result Result Result Result	/ V / N / N / N mL/m
Well Material Inside Diameter, in.  Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* x  1 Well volume H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump)  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.  Field Test(s) Stability Result Result Performed Range Temperature (°C) Spec. Cond (µmhos) D.O (mg/L)  **Conversion (1246)  10.935  ft  CONVENTIONAL  Field Test(s) Stability Result Result Result Temperature (°C) +/- 3% 13.10 13.15  Spec. Cond (µmhos) -/- 3% 1.362 1.365 1.365	Grab/Composite   Split Sample   Duplicate (Duplicate ID: MS/MSD   Other	/ N / N / N mL/m
Stick up or stick down height  Total depth of well (TD)  Depth to product  Depth to water (DTW)  Conventional sampling  Height of water column  (H = TD - DTW)  Conversion value (CV)* x  1 Well volume H x CV = gal  3 Well volumes = gal  Purge method  (B = bailer, P = pump)  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.  Field Test(s)  Stability  Result  Result  Performed  Range  Temperature (°C)  Spec. Cond (μmhos)  H-3%  13.10  13.15	Split Sample Duplicate (Duplicate ID: MS/MSD Other  Micropurge sampling  Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate = ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47	/ N / N / N mL/m
Stick up or stick down height  Total depth of well (TD)  Depth to product  Depth to water (DTW)  Conventional sampling  Height of water column  (H = TD − DTW)  Conversion value (CV)* x  1 Well volume H x CV = gal  3 Well volumes = gal  Purge method  (B = bailer, P = pump)  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.  Field Test(s)  Stability  Result  Result  Result  Performed  Range  Temperature (°C)  Spec. Cond (μmhos)  P-3%  13.10  13.15  13.15  Spec. Cond (μmhos)  1.362  1.362  1.365	Duplicate (Duplicate ID:  MS/MSD Other   Micropurge sampling  Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47	/ N / N / N mL/m
Total depth of well (TD)  Depth to product  Depth to water (DTW)  Conventional sampling  Height of water column $(H = TD - DTW)$ The conversion value (CV)*  Well volume	MS/MSD Other  Micropurge sampling  Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47	/ N / N / N mL/m
Depth to product  Depth to water (DTW)  Conventional sampling  Height of water column  (H = TD - DTW)  Conversion value (CV)* x  1 Well volume H x CV = gal  3 Well volumes = gal  Purge method  (B = bailer, P = pump)  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.  Field Test(s)  Stability  Result  Result  Performed  Range  Temperature (°C)  Spec. Cond (μmhos)  H-3%  13.10  13.15  Spec. Cond (μmhos)  H-10%**  1.55	Micropurge sampling  Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47	/ N / N / N mL/m
Conventional sampling Conventional sampling COR⇒   Height of water column (H = TD - DTW) ft   Conversion value (CV)* x   1 Well volume H x CV = gal   3 Well volumes = gal   Purge method (B = bailer, P = pump) B / P   *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.   Field Test(s) Stability Result Result   Performed Range (3 min) (6 min)   Temperature (°C) +/- 3% 13.10 13.15   Spec. Cond (μmhos) +/- 3% 1.362 1.362   D.O. (mg/L) +/- 10%** 1.92 1.55	Micropurge sampling  Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47	/ N / N / N mL/m
Conventional samplingHeight of water column(H = TD - DTW)ftConversion value (CV)*x1 Well volume	Micropurge sampling  Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47	/ N / N / N mL/m
Height of water column  (H = TD - DTW)  1 Well volume	Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47  It Result Result Result Result	/ N / N / N mL/m
Height of water column  (H = TD - DTW)  1 Well volume	Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47  It Result Result Result Result	/ N / N / N mL/m
(H = TD – DTW)       ft         Conversion value (CV)*       x         1 Well volume H x CV       = gal         3 Well volumes =       = gal         Purge method       (B = bailer, P = pump)       B / P         *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.         Field Test(s)       Stability       Result       Result         Performed       Range       (3 min)       (6 min)         Temperature (°C)       +/- 3%       13.10       13.15         Spec. Cond (μmhos)       +/- 3%       1.362       1.362         D.O. (mg/L)       +/- 10%**       1.92       1.55	(place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47  It Result Result Result Result	/ N / N / N mL/m
Conversion value (CV)* x  1 Well volume	Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47  It Result Result Result Result	/ N / N / N mL/m
1 Well volume	Is drawdown >0.3 feet  Was passive sampling used?  Flowrate =  ID number from controller console  16, 4" dia = 0.65, 6" dia = 1.47  It Result Result Result Result	/ N mL/m
3 Well volumes = = gal  Purge method (B = bailer, P = pump) B / P  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.  Field Test(s) Stability Result Result Performed Range (3 min) (6 min Temperature (°C) +/- 3% 13.10 13.15 Spec. Cond (μmhos) +/- 3% 1.362 1.365 D.O. (mg/L) +/- 10%** 1.92 1.55	Was passive sampling used?  Flowrate =  ID number from controller console #  16, 4" dia = 0.65, 6" dia = 1.47  It Result Result Result Result	mL/m
Purge method         (B = bailer, P = pump)       B / P         *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.         Field Test(s)       Stability       Result       Result         Performed       Range       (3 min)       (6 mir         Temperature (°C)       +/- 3%       13.10       13.15         Spec. Cond (μmhos)       +/- 3%       1.362       1.362         D.O. (mg/L)       +/- 10%**       1.92       1.55	Flowrate =  ID number from controller console #  16, 4" dia = 0.65, 6" dia = 1.47  It Result Result Result Result	<u>Result</u>
(B = bailer, P = pump) B / P  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.  Field Test(s) Stability Result Result  Performed Range (3 min) (6 min  Temperature (°C) +/- 3% 13.10 13.15  Spec. Cond (µmhos) +/- 3% 1.362 1.365  D.O. (mg/L) +/- 10%** 1.92 1.55	ID number from controller console #  16, 4" dia = 0.65, 6" dia = 1.47  It Result Result Result Result	
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.  Field Test(s) Stability Result Result Performed Range (3 min) (6 min Temperature (°C) +/- 3% 13.10 13.15 1.55 1.56 1.56 1.55 1.55	16, 4" dia = 0.65, 6" dia = 1.47    Result   Res	
Field Test(s)         Stability         Result         Result           Performed         Range         (3 min)         (6 mir           Temperature (°C)         +/- 3%         13.10         13.15           Spec. Cond (μmhos)         +/- 3%         1.362         1.362           D.O. (mg/L)         +/- 10%**         1.92         1.55	it Result Result Result	
Performed       Range       (3 min)       (6 min)         Temperature (°C)       +/- 3%       13.10       13.15         Spec. Cond (μmhos)       +/- 3%       1.362       1.362         D.O. (mg/L)       +/- 10%**       1.92       1.55	100011	
Performed       Range       (3 min)       (6 min)         Temperature (°C)       +/- 3%       13.10       13.15         Spec. Cond (μmhos)       +/- 3%       1.362       1.362         D.O. (mg/L)       +/- 10%**       1.92       1.55		A4
Temperature (°C) +/- 3% 13.10 13.15 Spec. Cond (μmhos) +/- 3% 1.362 1.362 1.365 D.O. (mg/L) +/- 10%** 1.92 1.55		21 min)
Spec. Cond (µmhos) +/- 3% 1.362 1.568 D.O. (mg/L) +/- 10%** 1.92 1.55		
D.O. (mg/L) +/- 10%** 1.92 1.55		
	1,50 1,58	
	6.67 6.69	
ORP (mV) +/- 10 mV** -4/1.3 -45.0		
Turbidity (NTU) +/- 10%**		
H <sub>2</sub> S (mg/L)		
$Fe^{2+}$ (mg/L)		
Check stability after three readings and every reading	thereafter until achieved.	
**Only one of these parameters must reach stability.		•
Observations:		
Volume of water purged from well: gallons	3 12 160 ( );	
Sample Date: 3/19/05 Sample	Time: $12 : 40$ (military time)	, ,
Was metals sample filtered prior to preservation?	YES NO method: 0.45 µm cartridge / other	r:
Color of water before filtration: After fi	ltration:	
Reaction upon addition of preservatives? YES 1	NO explain:	-
Appearance of Water: (Clear/Slightly Turbid/Turbid	/Very Turbid)	: ', :
Well condition:		1
		•

Facility Name: GP			KEI Pro	ject #: 2829e-	001/003		
Sample I.D.: 32	¢.		Well Lo	cation:			
po							
	oring Well Da				Types (cir	cle all app	olicable)
Well Material		(PVC)SS/Teflo	<u>n)</u>	Monitoring V			
Inside Diameter, in.		(10246)		Grah/Compos	site ·		
Stick up or stick down	height		ft	Split Sample	,	•	•
Total depth of well (T	D)	19.25	ft	Duplicate (Du	uplicate ID:		)
Depth to product		:	ft	MŚ/MSD			
Depth to water (DTW)	)	į. l	ft	Other			
Conventional	sampling	(=OR⇒	:	Mici	ropurge sar	npling	
Height of water colum			Depth of	f pump placen	nent		
(H = TD - DTW)	ast and the same of the same o	ft		mid-screen)			16
Conversion value (CV	x x	<del></del> ].		purged from i	low cell?	***************************************	Y/N.
1 Well volume = H x (	CV =	gal		own >0.3 feet			Y/N
3 Well volumes =	== '	gal	Was pas	sive sampling	used?	**************************************	Y/N
Purge method	•		Flowrate				mL/m
(B = bailer, P = pur	np) B/P		ID numb	er from contro	oller console	e #	
*Conversion values (g		= 0.04, 2" dia = 0	0.16, 4" d	ia = 0.65, 6" d	ia = 1.47		
Field Test(s)	Stability	Result Resu	ılt Resi	alt Result	Result	Result	Result
Performed	Range	(3 min) (6 m			(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	12.79 12.			7	7.0	7=1-1-1
Spec. Cond (µmhos)	+/- 3%	1.160 1.80		4			***
D.O. (mg/L)	+/- 10%**	0.37 0.3		্যানি বিশ্বনা		,	
рН	+/- 0.1		6 6,4				
ORP (mV)	+/- 10 mV**	30. 33,	14		<del></del> .		·
Turbidity (NTU)	+/- 10%**						
$H_2S$ (mg/L)							
Fe <sup>2+</sup> (mg/L)	•						
Check stability after th	ree readings a	nd every reading	thereafte	r until achieve	ed.		
**Only one of these pa				· :			
Observations:							
Volume of water purge	ed from well:	gallons	3				
Sample Date: 3 /19							
Was metals sample filt	ered prior to p	reservation?	YES NO	method:	0.45 µm car	tridge / otl	her:
Color of water before i	filtration:	After fi	ltration:_	·			7
Reaction upon addition							
Appearance of Water:	(Clear/Slightl	y Turbid/Turbid	/Very Tu	rbid)	•		,
Well condition:	4.					•	
		وسر					
4		A .				•	
	11 6				11.		

	TXPI D :
Facility Name: GP	KEI Project #: 2829e-001/003
Sample I.D.: 145 R	Well Location:
Monitoring Well Data	Sample Types (circle all applicable)
Well Material (PVC)SS/Teflo	
Inside Diameter, in. (1246)	Grah/Composite
Stick up or stick down height	ft Split Sample
Total depth of well (TD)	ft Duplicate (Duplicate ID:)
Depth to product	ft MS/MSD
Depth to water (DTW) 10.94	ft Other
Conventional sampling ←OR⇒	Micropurge sampling
Height of water column	Depth of pump placement
(H = TD - DTW)   ft	(place mid-screen) 23,4 ft
Conversion value (CV) x	Bubbles purged from flow cell? Y/N
1 Well volume = 11 x CV = gal	Is drawdown > 0.3 feet Y/N
3 Well volumes = gal	Was passive sampling used? Y/N
Purgemethod	Flowrate = mL/min
(B = bailer, P = pump) B/P	ID number from controller console #
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0	0.16, 4" dia = 0.65, 6" dia = 1.47
Field Test(s) Stability Result Resu	ult Result Result Result Result
Performed Range (3 min) (6 m	in) (9 min) (12 min) (15 min) (18 min) (21 min)
Temperature (°C) +/- 3% //./D 11.7	4 11.80 11.92
Spec. Cond (µmhos) +/- 3% 1.177 1,26	12 1,206 1,208
D.O. (mg/L) +/-10%** 5.01 2.9	0 2.25 2.19
pH +/- 0.1 6.80 6.8	
ORP (mV) +/- 10 mV** 4/.3 46.	
Turbidity (NTU) +/- 10%**	•
$H_2S$ (mg/L)	
Fe <sup>2+</sup> (mg/L)	
Check stability after three readings and every reading	g thereafter until achieved.
**Only one of these parameters must reach stability.	
Observations:	
Volume of water purged from well: gallon	S
Sample Date: 3/19/68 Sample	Time: 13 20 (military time)
Was metals sample filtered prior to preservation?	YES NO method: 0.45 um cartridge / other:
Color of water before filtration: After f	iltration:
Reaction upon addition of preservatives? YES	NO explain:
Appearance of Water: (Clear/Slightly Turbid/Turbid	i/Very Turbid)
Well condition:	
1	•

Facility Name: GP	KEI Project #: 2829e-001/003
Sample I.D.: 153	Well Location:
Monitoring Well Data Well Material  (PVC)SS/Teflo	
Inside Diameter, in. (1246)	Grab/Composite
Stick up or stick down height	ft Split Sample
Total depth of well (TD) 20.75	ft Duplicate (Duplicate ID: (Dup)
Depth to product	ft MS/MSD
Depth to water (DTW) 12.3	ft Other
Conventional sampling ←OR⇒	Micropurge sampling
Height of water column	Depth of pump placement
(H = TD - DTW) ft	(place mid-screen) 11.75 ft
Conversion value (CV) x	Bubbles purged from flow cell? Y/N
1 Well volume = H x CV = gal	Is drawdown >0.3 feet Y/N
3 Well volumes = <u>gal</u>	Was passive sampling used? Y/N
Purge method	Flowrate = mL/min
(B = bailer, P = pump) B/P	ID number from controller console #
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia =	0.16, 4" dia = $0.65$ , 6" dia = $1.47$
Field Test(s) Stability Result Res	
$\frac{\text{Performed}}{\text{Performed}} \qquad \text{Range} \qquad \frac{\text{(3 min)}}{\text{200}} \qquad \frac{\text{(6 min)}}{\text{(6 min)}}$	
Temperature (°C) +/- 3% 7.06 7.	
	<u>279</u> <u>0.278</u> <u>0.276</u>
D.O. (mg/L) +/- 10%** <u>11. 12 11. 0</u> pH +/- 0.1 <b>7.54 7.</b> 9	
ORP (mV) +/- 10 mV** 50.3 53	
Turbidity (NTU) +/- 10%**	5),1 5/,5
$H_2S (mg/L)$	
Fe <sup>2+</sup> (mg/L)	
Check stability after three readings and every reading	g thereafter until achieved.
**Only one of these parameters must reach stability.	
Observations:	
Volume of water purged from well: gallon	IS (d) 2
Sample Date: 3/19/08 Sample	e Time: 19:00 (military time)
Was metals sample filtered prior to preservation?	YES NO method: 0.45 μm cartridge / other:
Color of water before filtration: After f	
Reaction upon addition of preservatives? YES	NO explain:
Appearance of Water: (Clear/Slightly Turbid/Turbid	d/Very Turbid)
Well condition:	
1	
	2/10/1
Signature:	Date: 2/14/0 &

Facility Name: GP			KEI Pro	ject #: 2829c	-001/003		
Sample I.D.: 302			Well Lo	cation:			
			· ·	<u> </u>		· 	
Monitor	ing Well Dat				e Types (circ	cle all appl	icable)
Well Material	·_(	(PVC)SS/Teflo	<u>n)</u>	Monitoring \		,	
Inside Diameter, in.	· 	(1246)		Grah/Compo			
Stick up or stick down h			_ft	Split Sample			
Total depth of well (TD)	) <u> </u>	55	ft	Duplicate (D	uplicate ID:		)
Depth to product			ft	MS/MSD			
Depth to water (DTW)		12,2	ft	Other			
			Ċ.		, , , , , , , , , , , , , , , , , , , ,		
Conventional s		(=OR⇒			ropurge sar	npling	
Height of water column				f pump place	nent		52 ft
(H = TD - DTW)	/	ft		e mid-screen)	~ 110		
Conversion value (CV)*		· ·	l.	purged from			Y/N
1 Well volume H x C		gal		lown > 0.3 fee			Y/N
3 Well volumes =	· <u>=</u>	gal	1	ssive sampling	g used?	·	Y/N mL/min
Purge method			Flowrat		11	e #	int/min
(B = bailer, P = pum	p) B/P	0.04.03.13		ber from cont		<u>e #</u>	
*Conversion values (gal	I/H): $I'' dia =$	$0.04, 2^{\circ} dia =$	0.16, 4"	11a = 0.65, 6	dia – 1.47		
[7] . 1 1 T (/-)	Ctobility	Result Res	ult Dag	sult Result	Result	Result	Result
Field Test(s)	Stability Range	Result Res (3 min) (6 m				(18 min)	(21 min)
Performed Temperature (°C)	+/- 3%	12.17 /2.2	<del></del>			<u> </u>	3,44, 34,44,1
Spec. Cond (µmhos)	+/- 3%	,394 ,39			,396		
D.O. (mg/L)	+/- 10%**	2.76 2.3			2,12		
pH	+/- 0.1	7.39 7.3			7,38		
	+/- 10 mV**	-112.5 -117		0 -121.5	122.0		
Turbidity (NTU)	+/- 10%**	· ·					
$H_2S$ (mg/L)						<u> </u>	
$Fe^{2+}$ (mg/L)							
Check stability after thr				er until achie	ved.	•	1. 1. 1.
**Only one of these par	rameters must	reach stability	•				
Observations:	1.011.	11					•
Volume of water purge Sample Date: 3 / 1/9	d from Well:	ganoi	ns o:Timor (	14.20 m	ilitory time)	a contract	
Was metals sample filte	100	Sampi Sampion ?	. VEC. 1	IO method	linary unic)	intridae / ot	her
Color of water before f	erea prior to p	reservation?	filtration	MO Inemod	ι. υ.45 μπι υσ	uuluge / ot	1101.
Reaction upon addition							and the second
Appearance of Water:	. Of prostrail	vuo:	id/Vera T	urbid)		<del></del>	
Well condition:	Creamondini	.y .r u.j.() (u.t.()	ich v Ci y I	urviu)			
AACH COHCHHOIF					'	,	•
$\mathcal{O}$		•			, ,		,
					- l. /	_	

Facility Name: GP	KEI Project #: 2829e-001/003
Sample I.D.: 133 &	Well Location:
Monitoring Well Data  Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling Height of water column (H = TD - DTW)  MONITORING (PVC)SS/7  (1024)  (102	6) Grab Composite  Split Sample Duplicate (Duplicate ID:)  ft MS/MSD Other  Micropurge sampling Depth of pump placement (place mid-screen) 13 ft
Conversion value (CV)* x	Bubbles purged from flow cell? Y/N
1 Well volume = H x ČV = gal	Is drawdown >0.3 feet Y/N
3 Well volumes = gal	Was passive sampling used? Y/N
Purgemethod	Flowrate = mL/min
(B = bailer, P = pump) B/P	ID number from controller console #
*Conversion values (gal/ft): 1" dia = 0.04, 2" di	a = 0.16, 4" dia = 0.65, 6" dia = 1.47
Field Test(s)         Stability         Result           Performed         Range         (3 min)           Temperature (°C)         +/- 3%         8.95           Spec. Cond (μmhos)         +/- 3%         .839           D.O. (mg/L)         +/- 10%**         7.89           pH         +/- 0.1         7.44	Result         Result<
**Only one of these parameters must reach stable  Observations:  Volume of water purged from well:  Sample Date:  3 / // / 🎉  Saw  Was metals sample filtered prior to preservation  Color of water before filtration:  Af  Reaction upon addition of preservatives?  Appearance of Water: (Clear/Slightly Turbid/Twell condition:	allons nple Time:   (Ψ: Ψ) (military time)  ? YES NO method: 0.45 μm cartridge / other:  ter filtration:  S NO explain:

Signature:

Facility Name: GP	KEI Project #: 2829e-001/003
Sample I.D.: 152	Well Location:
Monitoring Well Data Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Monitoring Well Data (PVC)SS/Teflor (1246)  18.65	Sample Types (circle all applicable)  Alenitoring Well Grab/Composite  Split Sample Duplicate (Duplicate ID:)  ft MS/MSD  Other
Conventional sampling ←OR⇒	Micropurge sampling
Height of water column  (H = TD - DTW)  Conversion value (CV)*  1 Well volume = H x CV = gal  3 Well volumes = gal  Purge method  (B = bailer, P = pump)  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.04	Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown > 0.3 feet  Was passive sampling used?  Flowrate = mL/min  ID number from controller console #
Field Test(s)         Stability         Result         Result           Performed         Range         (3 min)         (6 min)           Temperature (°C)         +/- 3%         13.79         13.90           Spec. Cond (μmhos)         +/- 3%         147/         147/           D.O. (mg/L)         +/- 10%**         3.98         3.00           pH         +/- 0.1         7.20         7.49           ORP (mV)         +/- 10 mV**         33.7         33.5           Turbidity (NTU)         +/- 10%**	Result   Result   Result   Result   Result   Result     (9 min)   (12 min)   (15 min)   (18 min)   (21 min)     (3.92
**Only one of these parameters must reach stability.  Observations:  Volume of water purged from well: gallons  Sample Date:	Time: <u>l &gt; :00</u> (military time)  YES NO method: 0.45 μm cartridge / other:  Itration: NO explain:

Signature:\_\_

Date: 3/19

Facility Name: GP		. <del></del>	K	EI Projec	t #: 2829e-0	001/003		
Sample I.D.: 146				ell Locat			<del></del>	
		<del>``</del>	ئىدرىك دېنىد ئىد			······································		
Monit Well Material Inside Diameter, in. Stick up or stick down Total depth of well (T Depth to product Depth to water (DTW	D)	ta (PVC)SS (12) 26 9.23		Gr Sp Du	enitoring Wah/Compos lit Sample plicate (Du S/MSD	ite		
Conventional	sampling	<b>(=0</b>	R⇒		Micr	opurge sai	npling	
Height of water column (H = TD - DTW)  Conversion value (CV 1 Well volume = H x 2 3 Well volumes = Purge method  (B = bailer, P = pur *Conversion values (g	(r)	ft gal gal	Bu Is W F1	(place mi abbles pur drawdow as passive owrate = 0 number	mp placemed-screen) ged from fl n > 0.3 feet e sampling from contro	cnt low cell? used?	2	<b>2.3</b> ft
Field Test(s)  Performed Temperature (°C) Spec. Cond (µmhos) D.O. (mg/L) pH ORP (mV) Turbidity (NTU) H <sub>2</sub> S (mg/L) Fe <sup>2+</sup> (mg/L)	Stability Range +/- 3% +/- 3% +/- 10%** +/- 0.1 +/- 10 mV** +/- 10%**	Result (3 min) 11.89 .627 .68 .686 -24.3	Result (6 min) //.90 /621 .50 6:59 -20.(	Result (9 min) 11.95 4.11 .49 4.89 -19.9	Result (12 min) //.98 //.609 //.47 //.689 -/7.7	Result (15 min)	Result (18 min)	Result (21 min)
Check stability after the **Only one of these possible of the possib	arameters must ed from well: '9 / v8 tered prior to p filtration: on of preservati	t reach sta	gallons ample Tir n? YE After filtra ES NO	ne: <u>/5</u> : S NO ition: explai	20 (mili method: (	tary time) 0.45 µm ca	₹ .	1er:

Signature:

Facility Name: GP	WELD :
	KEI Project #: 2829e-001/003
Sample I.D.: 10-12	Well Location:
Total depth of well (TD) 18.57 Depth to product	Sample Types (circle all applicable)  Monitoring Well  Grah/Composite  ft Split Sample  ft Duplicate Duplicate ID: 10-18 (DVP)  ft MS/MSD  Other  Other
Conventional sampling ←OR⇒	Micropurge sampling
Height of water column (H = TD - DTW) ft Conversion value (CV)* x 1 Well volume = H x CV = gal 3 Well volumes = gal Purge method	Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown > 0.3 feet  Was passive sampling used?  Flowrate = mL/min  ID number from controller console #
Field Test(s)         Stability         Result (3 min)         Result (6 min)           Performed         Range         (3 min)         (6 min)           Temperature (°C)         +/- 3%         9.09         1.26           Spec. Cond (μmhos)         +/- 3%         0.31%         0.32           D.O. (mg/L)         +/- 10%**         9.88         9.86           pH         +/- 0.1         7.35         7.36           ORP (mV)         +/- 10 mV**         49.4         54.0           Turbidity (NTU)         +/- 10%**         49.4         54.0           H <sub>2</sub> S (mg/L)         Fe <sup>2+</sup> (mg/L)         Fe <sup>2+</sup> (mg/L)         Check stability after three readings and every reading **Only one of these parameters must reach stability.	1) (9 min) (12 min) (15 min) (18 min) (21 min) 2) (9.28) 3) (0.322) 4 (7.33) 57.00
Observations:  Volume of water purged from well:gallons Sample Date: 03 / 20 / 06Sample  Was metals sample filtered prior to preservation? Y Color of water before filtration:After fil Reaction upon addition of preservatives? YES N Appearance of Water: (Clear/Slightly Turbid/Turbid/Well condition:	Fime: 01 : 50 (military time)  ES NO method: 0.45 μm cartridge / other:  tration:  O explain:

Signature: \$\int\_{0}\$ 0, \( \frac{1}{2} \) Date: \( \text{03/20/08} \)

Facility Name: GP	VELD -: 4 # 2020 - 001 (002
	KEI Project #: 2829e-001/003
Sample I.D.: 150	Well Location:
Monitoring Well Data  Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  MONITORING WEll Data  (PVC)SS/Teflo (1246)  (1246)	Sample Types (circle all applicable)  Monitoring Well  Grah/Composite  ft Split Sample Duplicate (Duplicate ID:  MS/MSD ft Other
Conventional sampling  Height of water column  (H = TD - DTW) ft  Conversion value (CV)* x  1 Well volume = H x CV = gal 3 Well volumes = gal  Purge method  (B = bailer, P = pump) B / P	Micropurge sampling  Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate = mL/min  ID number from controller console  Micropurge sampling  /5.5 ft  Y/N  Y/N  mL/min
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0  Field Test(s) Stability Result Result  Performed Range (3 min) (6 min)  Temperature (°C) +/- 3% (2.40 13.0)  Spec. Cond (µmhos) +/- 3% (0.615 0.64)  D.O. (mg/L) +/- 10%** 7.00 2.70  PH +/- 0.1 7.21 7.00  ORP (mV) +/- 10 mV** 56.1 62.  Turbidity (NTU) +/- 10%**  H <sub>2</sub> S (mg/L)  Fe <sup>2+</sup> (mg/L)	Ilt         Result         Result         Result         Result         Result           n)         (9 min)         (12 min)         (15 min)         (18 min)         (21 min)           0         13.40         (1.28)         <
Check stability after three readings and every reading **Only one of these parameters must reach stability.  Observations:  Volume of water purged from well:	Time: <u>(σ</u> : <u>4</u> (military time) YES NO method: 0.45 μm cartridge / other:

Signature: // //

Date: 03/20/08

Facility Name: GP	KEI Project #: 2829e-001/003
Sample I.D.: Iw-2	Well Location:
	Well Bocation.
Monitoring Well Data  Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume = H x CV = gal 3 Well volumes = gal Purge method (B = bailer, P = pump)  B / P	Grab/Composite  Split Sample Duplicate (Duplicate ID:)  MS/MSD Other
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia	D number from controller console #
Conversion values (gaint). 1 dia - 0.04, 2 dia	-0.10, 4  dia - 0.05, 6  dia = 1.47
Performed         Range         (3 min)         (6 min)           Temperature (°C)         +/- 3%         13.49         13.50           Spec. Cond (μmhos)         +/- 3%         0.530         0           D.O. (mg/L)         +/- 10%**         3.51         1           pH         +/- 0.1         7.10         1           ORP (mV)         +/- 10 mV**         101.5         1           Turbidity (NTU)         +/- 10%**         1           H <sub>2</sub> S (mg/L)         Fe <sup>2+</sup> (mg/L)         1           Check stability after three readings and every read         1	Result Result Result Result Result Result Result (12 min) (12 min) (15 min) (18 min) (21 min)
**Only one of these parameters must reach stabili	ty.
Observations:  Volume of water purged from well: gall Sample Date: 03 / 36 / 09 Samp Was metals sample filtered prior to preservation?  Color of water before filtration: Afte Reaction upon addition of preservatives? YES Appearance of Water: (Clear/Slightly Turbid/Tur Well condition:	ple Time: 1 : 20 (military time)  YES NO method: 0.45 μm cartridge / other: er filtration: NO explain:

Date: 03/20/28

Facility Name: GP	KEI Project #: 2829e-001/003		
Sample I.D.: Iw-(	Well Location:		
Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Well Data (PVC)SS/Teflo (1246)  15  15	Sample Types (circle all applicable)  Monitoring Well Grab/Composite  ft Split Sample  Duplicate (Duplicate ID:)  ft MS/MSD  ft Other		
(Conventional sampling) ←OR⇒	Micropurge sampling		
Height of water column  (H = TD - DTW)  Conversion value (CV)* x  1 Well volume = H x CV = gal  3 Well volumes = gal  Purge method  (B = bailer, P = pump)  *Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.04	Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate = mL/mir  ID number from controller console #		
Field Test(s)         Stability         Result (3 min)         Result (6 m)           Performed         Range         (3 min)         (6 m)           Temperature (°C)         +/- 3%         1/2 λ         1/1 λ           Spec. Cond (μmhos)         +/- 3%         0.57%         0.5           D.O. (mg/L)         +/- 10%**         4.50         2.6           pH         +/- 0.1         6.57         6.5           ORP (mV)         +/- 10 mV**         - 99           Turbidity (NTU)         +/- 10%**         - 99           H <sub>2</sub> S (mg/L)         Fe²+ (mg/L)         - 20           Check stability after three readings and every reading         - 30	in) (9 min) (12 min) (15 min) (18 min) (21 min)  QO		
**Only one of these parameters must reach stability.  Observations:  Volume of water purged from well: gallon.  Sample Date: \( \frac{\infty}{2} / \frac{\infty}{\infty} \)  Was metals sample filtered prior to preservation?  Color of water before filtration:  After fi	s Time: 12:36 (military time) YES NO method: 0.45 µm cartridge / other:		

Signature: 4, h.

Date: 03/20/08

Facility Name: GP	KEI Project #: 2829e-001/003	
Sample I.D.: 163	Well Location:	
Monitoring Well Data	Sample Types (circle all applicable)	
Well Material (PVC)SS/Teflo		
Inside Diameter, in. (1246)	Grahleomposite	
Stick up or stick down height	ft Split Sample	
	ft Duplicate (Duplicate ID:)	
Depth to product	ft MS/MSD	
Depth to water (DTW)	ft Other	
Conventional sampling ←OR⇒	Micropurge sampling	
Height of water column	Depth of pump placement	
(H = TD - DTW) ft	(place mid-screen) // ft	
Conversion value (CV)* x	Bubbles purged from flow cell? Y/N	
1 Well volume = Hx CV = gal	Is drawdown $> 0.3$ feet $Y/N$	
3 Well volumes = gal	Was passive sampling used? Y/N	
Purge method	Flowrate = mL/min	
(B = bailer, P = pump) B/P	ID number from controller console #	
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0	.16, 4" dia = 0.65, 6" dia = 1.47	
Field Test(s) Stability Result Result	ılt Result Result Result Result Result	
Performed Range (3 min) (6 mi	n) (9 min) (12 min) (15 min) (18 min) (21 min)	
Temperature (°C) +/- 3% (11.93) 12.		
Spec. Cond (µmhos) +/- 3% <u>0.160</u> <u>0.150</u>		
D.O. (mg/L) +/- 10%** 3.19 1.19		
pH +/- 0.1 7.31 7.3	7 7.38	
ORP (mV) +/- 10 mV** -108.5 -106.	.2 -1036	
Turbidity (NTU) +/- 10%**		
H <sub>2</sub> S (mg/L)		
Fe <sup>2+</sup> (mg/L)		
Check stability after three readings and every reading	thereafter until achieved.	
**Only one of these parameters must reach stability.		
01		
Observations:		
Volume of water purged from well:gallons		
Sample Date: <u>03/30/08</u> Sample		
Was metals sample filtered prior to preservation?	YES NO method: 0.45 μm cartridge / other:	
Color of water before filtration: After fi	ltration:	
Reaction upon addition of preservatives? YES 1	Itration:NO explain:NO rurbid)	
Appearance of Water: (Clear/Slightly Turbid/Turbid	Very Turbid)	
Well condition:		

Signature: H H

Date: 03/20 / 08

Facility Name: GP	KEI Project #: 2829e-001/003		
Sample I.D.: 173 Well Location:			
Bumpio I.D. 13	West Boodton.		
Total depth of well (TD) 17.75  Depth to product	Sample Types (circle all applicable)  Monitoring Well  Grah/Composite  ft Split Sample  Duplicate (Duplicate ID:)  ft MS/MSD  Other		
Conventional sampling ←OR⇒	Micropurge sampling		
Height of water column (H = TD - DTW) ft Conversion value (CV)* x 1 Well volume = H x CV = gal 3 Well volumes = gal Purge method	Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate = mL/mir  ID number from controller console #		
Field Test(s)         Stability         Result (3 min)         Result (6 min)           Performed         Range         (3 min)         (6 min)           Temperature (°C)         +/- 3%         12.44 (2.6)         12.44 (2.6)           Spec. Cond (μmhos)         +/- 3%         0.035 (0.03)         0.03           D.O. (mg/L)         +/- 10%**         +/- 2.27 (0.0)         0.03           pH         +/- 0.1 (0.95 (0.95)         0.95 (0.95)         0.95 (0.95)           ORP (mV)         +/- 10 mV**         -71.4 (0.95)         -71.4 (0.95)           Turbidity (NTU)         +/- 10%**         -71.4 (0.95)         -71.4 (0.95)           H <sub>2</sub> S (mg/L)         Fe <sup>2+</sup> (mg/L)         -71.4 (0.95)         -71.4 (0.95)	n) (9 min) (12 min) (15 min) (18 min) (21 min) 7		
Check stability after three readings and every reading **Only one of these parameters must reach stability.  Observations:  Volume of water purged from well: gallons  Sample Date: 03 / 20 / 56 Sample  Was metals sample filtered prior to preservation? Y  Color of water before filtration: After fil  Reaction upon addition of preservatives? YES N  Appearance of Water: (Clear/Slightly Turbid/Turbid/Well condition:	Fime: <u>/3</u> : 36 (military time)  YES NO method: 0.45 μm cartridge / other:  tration:		

Signature;

40,4

Date: 0.3/3

Facility Name: GP		KEI Project #: 2829e-001/003
Sample I.D.: 156		Well Location:
Sample 1.D., 156		Well bocation.
Monitoring Well Da Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling Height of water column (H = TD - DTW) Conversion value (CV)* x 1 Well volume = H x CV = 3 Well volumes = = Purge method (B = bailer, P = pump) B / P	(PVC)SS/Teflo (1○246)  (8.7  11.82  c=OR⇒  ft  gal gal	Sample Types (circle all applicable)    Monitoring Well
*Conversion values (gal/ft): 1" dia =		
Field Test(s)  Stability  Performed  Range  Temperature (°C) +/- 3%  Spec. Cond (µmhos) +/- 3%  D.O. (mg/L) +/- 10%**  pH +/- 0.1  ORP (mV) +/- 10 mV**  Turbidity (NTU) +/- 10%**  H <sub>2</sub> S (mg/L)  Fe <sup>2+</sup> (mg/L)  Check stability after three readings a  **Only one of these parameters mus	Result Result (3 min) (6 min) (6 min) (6 min) (7.24	Result   R
Was metals sample filtered prior to r	reservation? After fives? YES	Time: 19: 06 (military time) YES NO method: 0.45 µm cartridge / other: Itration: NO explain: /Very Turbid)

Facility Name: GP	: :	KEI Project #: 2829e-001/003
Sample I.D.: 151		Well Location:
	<del>.</del>	
Monitoring Well Data		Sample Types (circle all applicable)
1	C)SS/Teflo	
Inside Diameter, in.	(1246)	Grah/Composite
Stick up or stick down height		ft Split Sample
Total depth of well (TD)	19	ft Duplicate (Duplicate ID:)
Depth to product		ft MS/MSD
	3.65	ft Other
Conventional sampling	(=OR⇒	Micropurge sampling
Height of water column	. ,	Depth of pump placement
(H = TD - DTW) ft		(place mid-screen)/6 ft
Conversion value (CV)* x	·	Bubbles purged from flow cell? Y/N
1 Well volume = H x CV = gal		Is drawdown >0.3 feet Y/N
3 Well volumes = gal		Was passive sampling used? Y/N
Purge method		Flowrate = mL/min
(B = bailer, P = pump) B / P		ID number from controller console #
*Conversion values (gal/ft): 1" dia = 0.04	1, 2" dia = (	0.16, 4" dia = 0.65, 6" dia = 1.47
· · · · · · · · · · · · · · · · · · ·	<u>sult</u> <u>Resu</u>	ult Result Result Result Result Result
Performed Range (3 r		
· · · · · · · · · · · · · · · · · · ·	.01 11.9	
Spec. Cond (μmhos) +/- 3% 0.4		
	90 9.7	$\frac{9.40}{3.10}$
	12 7.	
	1.h 19.	.4 79.2
Turbidity (NTU) +/- 10%**	<del></del>	
$H_2S (mg/L)$ $E^{2+} (mg/L)$		
Check stability after three readings and ev	ory randing	a thoroafter until achieved
**Only one of these parameters must reac		
only of west parameters must reac	n staonity.	
Observations:		
Volume of water purged from well:	gallons	S .
Sample Date: 03 / 20 / 08	Sample	Time: <u>15</u> : <u>60</u> (military time)
Was metals sample filtered prior to preser	vation?	VES NO method: 0.45 um cartridge / other:
Color of water before filtration:	After fi	iltration:
Reaction upon addition of preservatives?	YES	NO explain:
Appearance of Water: (Clear/Slightly Tu	rbid/Turbid	I/Very Turbid)
Well condition:		
	3-	
$\int d^{2} d^$	ř	
4112		n2/22/20
Signature: ///		Date: 03/20/08

Facility Name: GP		KEI Project #: 2820a 001/003
Sample I.D.: 157	KEI Project #: 2829e-001/003 Well Location:	
Cample 1.D 13 (	· · · · · · · · · · · · · · · · · · ·	wen Location.
Monitoring Well D: Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling Height of water column (H = TD - DTW)	ata ((PVC))SS/Teflo (122 6) 19 11.73 ←OR⇒	Sample Types (circle all applicable)
Conversion value (CV) x		Bubbles purged from flow cell? Y/N
1 Well volume = H x CV = 3 Well volumes = = Purge method (B = bailer, P = pump) B / F *Conversion values (gal/ft): 1" dia =		Is drawdown >0.3 feet Y/N Was passive sampling used? Y/N Flowrate = mL/min ID number from controller console #
Field Test(s) Stability	Result Resu	ult Dogult Dogult Dogult Dogult
Performed   Range     Temperature (°C)   +/- 3%     Spec. Cond (μmhos)   +/- 3%     D.O. (mg/L)   +/- 10%**     pH   +/- 0.1     OR P (mV)   +/- 10 mV**     Turbidity (NTU)   +/- 10%**     H <sub>2</sub> S (mg/L)     Fc <sup>2+</sup> (mg/L)	Result Result (3 min) (6 m) /0.87 /0.8 /0.8 /0.8 /0.8 /0.8 /0.8 /0.8 /0.8	in) (9 min) (12 min) (15 min) (18 min) (21 min)  88 10.79  7 103  8 766  7 1.83
Check stability after three readings a	ind every reading	g thereafter until achieved.
**Only one of these parameters mus  Observations: Volume of water purged from well: Sample Date: / / Was metals sample filtered prior to parameters of water before filtration:	gallon Sample preservation? After f ves? YES	s Time: /5: /() (military time) YES NO method: 0.45 µm cartridge / other: Iltration: NO explain:
	A selficion and the selficion	

Facility Name: GP	KEI Project #: 2829e-001/003
Sample I.D.: 164	Well Location:
Monitoring Well Data  Well Material Inside Diameter, in. Stick up or stick down height Total depth of well (TD) Depth to product Depth to water (DTW)  Conventional sampling  COR⇒	Grah Composite  ft Split Sample  ft Duplicate (Duplicate ID:)  ft MS/MSD  ft Other
Height of water column (H = TD - DTW)  Conversion value (CV)*  1 Well volume	Depth of pump placement (place mid-screen)  Bubbles purged from flow cell?  Is drawdown >0.3 feet  Was passive sampling used?  Flowrate = mL/min  ID number from controller console #  0.16, 4" dia = 0.65, 6" dia = 1.47
Field Test(s)  Stability  Result  Result  Performed  Range  Range  (3 min)  (6 m  Temperature (°C)  Spec. Cond (µmhos)  P-3%  D.O. (mg/L)  P-10%**  P-10%**  ORP (mV)  Turbidity (NTU)  H-2S (mg/L)  Fe <sup>2+</sup> (mg/L)  Check stability after three readings and every readin  **Only one of these parameters must reach stability	nin) (9 min) (12 min) (15 min) (18 min) (21 min)  10 0.1(0  1.16  94 6.94  3 21.7  g thereafter until achieved.
Observations:  Volume of water purged from well: gallon Sample Date: J J J O Sample Was metals sample filtered prior to preservation? Color of water before filtration: After f Reaction upon addition of preservatives? YES Appearance of Water: (Clear/Slightly Turbid/Turbid Well condition:	e Time: 15:30 (military time) YES NO method: 0.45 μm cartridge / other:  Iltration: NO explain:

Signature: /h //

Date: 03/20/0\$

Facility Name: Genuine parts	KEI Project #: 2829e		
Sample I.D.: Mw-160	Well Location:		
Monitoring Well Data	Sample Types (circle all applicable)		
Well Material (PVC)SS/Te	eflon) Monitoring Well		
Inside Diameter, in. (1224 6	Grab/Composite		
Stick up or stick down height	ft Split Sample		
Total depth of well (TD)	ft Duplicate (Duplicate ID:)		
Depth to product	ft MS/MSD		
Depth to water (DTW) 2.4/	ft Other		
Conventional sampling ←OR:	⇒ Micropurge sampling		
Height of water column	Depth of pump placement		
(H = TD - DTW)   ft	(place mid-screen) \$.7 ft		
Conversion value (CV)* x	Bubbles purged from flow cell? (Y)/ N		
1 Well volume H x CV = gal	Is drawdown >0.3 feet   ŶN		
3 Well volumes = <u>= gal</u>	Was passive sampling used? Y/N		
Purge method	Flowrate = 500 mL/min		
(B = bailer, P = pump) B / P	ID number from controller console #		
*Conversion values (gal/ft): 1" dia = 0.04, 2" dia	= 0.16, 4" dia = 0.65, 6" dia = 1.47		
Field Test(s) Ctsl::it. Desile D	Landa Davida Davida Davida Davida		
	<u>Result Result Result Result Result</u> <u>Result (12 min)</u> (12 min) (15 min) (18 min) (21 min)		
	6 min) (9 min) (12 min) (15 min) (18 min) (21 min) 3,83 /3,84		
· · · · ·	98.5 998.3		
	2.70 6:10		
• • • • • • • • • • • • • • • • • • • •	1,85 7,85		
	7.9 77.9		
Turbidity (NTU) +/- 10%**			
$H_2S \text{ (mg/L)}$			
Fe <sup>2+</sup> (mg/L)			
Check stability after three readings and every reading thereafter until achieved.			
**Only one of these parameters must reach stabili	ty.		
Observations:			
Volume of water purged from well:gallons			
Sample Date: 4 / 15/08 Sample Time: 10 : 10 (military time)			
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: After filtration: After filtration:			
Reaction upon addition of preservatives? YES NO explain:			
Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)			
Well condition:	old very furbia;		
or condition.			

Signature:

Date:/<u>4/15/08</u>

Eggility Names Commission and	Trema	75	
Facility Name: Genuine parts		Project #: 2829e	
Sample I.D.: Mw-161	Wel	l Loçation:	
77.6 1 XXI II Y			
Monitoring Well Data		Sample Types (circ	ele all applicable)
	VC)SS/Teflon)	Monitoring Well	
Inside Diameter, in.	(10246)	Grab/Composite	
Stick up or stick down height	ft	Split Sample	
Total depth of well (TD)  Depth to product	13 ft	Duplicate (Duplicate ID:	)
epth to water (DTW)	ft	MS/MSD	
epul to water (DT w)	3.96 ft	Other	
Control			
Conventional sampling	_ ←OR⇒	Micropurge sam	pling
Height of water column		h of pump placement	_
C. COXDA		ace mid-screen)	( <u>2</u> ft
		ples purged from flow cell?	(Y) N
		awdown >0.3 feet	XN
3 Well volumes = = gz Purga method		passive sampling used?	Y/Ø
(B = bailer, P = pump) B/P			SPO mL/min
*Conversion values (gal/ft): 1" dia = 0.	$04^{1/2}$ ?" dia = 0.16.4	umber from controller console	#
Compression values (gaints). 1 dia 0.	04, 2 ula – 0.10, 4	uia = 0.03, 0  uia = 1.47	
Field Test(s) Stability F	Result Result F	Result Result Result	Result Result
			Result Result (18 min)
· · · · · · · · · · · · · · · · · · ·		7,49	(10 mm) (21 mm)
		98.1	
175 0 ( 75)		0.02	
pH +/- 0.1		4.80	
ORP (mV) +/- 10 mV** §	<u>-7.1 87.1 8</u>	1.2	
Turbidity (NTU) +/- 10%**			
$H_2S (mg/L)$	<del></del>		
Fe <sup>2+</sup> (mg/L)			
Check stability after three readings and	every reading therea	after until achieved.	
**Only one of these parameters must re-	ach stability.		
Observations:			
Volume of water purged from well:	gallong		
Sample Date: _4_/_15/_08_	Sample Time:	10: 40 (military time)	
Was metals sample filtered prior to pres	ervation? VES	NO method: 0.45 um and	3.1. 1. a
Color of water before filtration:	After filtration	i.	rage / otner:
Reaction upon addition of preservatives	? YES NO	explain:	
Appearance of Water: (Clear/Slightly T	urbid/Turbid/Verv	Turbid)	-
Well condition:			
			4.3

Signature: Date 4/15